

Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

095309.55994US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 10/527,439 INTERNATIONAL FILING DATE INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED PCT/EP03/09415 08/26/2003 09/12/2002 TITLE OF INVENTION METHOD FOR DETERMINING A CHANGE IN VOLUMETRIC EFFICIENCY FOR AN INTERNAL COMBUSTION ENGINE APPLICANT(S) FOR DO/EO/US Christian BARBA, et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 1. 2 This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. M This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) 3. and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. Is not required, as the application was filed in the United States Receiving Office (RO/US). C. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). b. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) 7. are attached hereto (required only if not communicated by the International Bureau). a. b. have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. đ. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. An Supplemental Application Data Sheet under 37 CFR 1.76. 14. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Other items or information: Copy of the Notification of Missing Requirements.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Applicant clai	ms small entity	status. See 37 C	FR 1.27. Fees above are					
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accompanied by	Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property+					\$		
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a. A chec	k in the amount	of \$ to cover	the above fees is enclose	ed.				
b. Please charge my Deposit Account No. 05-1323 (Attorney Docket No. 095309.55994US) in the amount of \$\(\) to cover the above fees. A duplicate copy of this sheet is enclosed.								
c. 🛭 The Co	nmmissioner is h	ereby authorize	d to charge any additional	l fees v	vhich may be requir	ed or credit any overna	ment to Denosit	
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d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
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	SEND ALL CORRESPONDENCE TO: Crowell & Moring, LLP SEND ALL CORRESPONDENCE TO: David R Subdrate							
Crowell & Moring, LLP Intellectual Property Group								
Intellectual Property Group SIGNATURE P.O. Box 14300 Gary R. Edwards								
Washir	ngton, D.C. 2004	14-4300		NAME <i>U</i> 31,824				
	. (202) 624-250				<u>324</u> EGISTRATION NUM	MBER		
Fax No. (202) 628-8844 <u>September 28, 2005</u>								
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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vinginia 22313-1450 www.usplo.gov

I.A. FILING DATE

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/527,439 Christian Barba 095309.55994US

INTERNATIONAL APPLICATION NO.

PCT/EP03/09415

23911 **CROWELL & MORING LLP** INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300

08/26/2003 09/12/2002 **CONFIRMATION NO. 5419 371 FORMALITIES LETTER**

OC000000016719120

OC000000016719120

MISSING REQUREMENTS 10/15/05

PRIORITY DATE

Date Mailed: 08/15/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/11/2005
- English Translation of the IA filed on 03/11/2005
- Copy of the International Search Report filed on 03/11/2005
- Preliminary Amendments filed on 03/11/2005
- Information Disclosure Statements filed on 03/11/2005
- U.S. Basic National Fees filed on 03/11/2005
- Priority Documents filed on 03/11/2005

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

 Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

INDIA L EVANS

Telephone: (703) 308-9140 EXT 212

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PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/527,439	PCT/EP03/09415	095309.55994US

FORM PCT/DO/EO/905 (371 Formalities Notice)